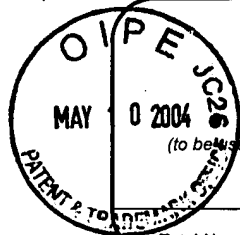


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Total Number of Pages in This Submission

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Application Number

10/658,120

Filing Date

September 8, 2003

First Named Inventor

John G. Maneatis

Art Unit

2817

Examiner Name

Attorney Docket Number

TCU 327

**ENCLOSURES (Check all that apply)**☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

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Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Response to Missing Parts/  
Incomplete Application☐Response to Missing Parts  
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

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Petition

☐Petition to Convert to a  
Provisional Application☐Power of Attorney, Revocation  
Change of Correspondence Address☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) \_\_\_\_\_

Remarks

☐After Allowance communication  
to Technology Center (TC)☐Appeal Communication to Board  
of Appeals and Interferences☐Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please  
Identify below):

1. PTO-1449 forms (three pages)
2. Two references (one foreign, one other doc.)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameChristopher S. Tuttle, Esq.  
Kolisich Hartwell, P.C.

Signature

Date

May 3, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

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May 3, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JOHN G. MANEATIS

Serial No. : 10/658,120

Filed : September 8, 2003

For : FAST-LOCKING PHASE-LOCKED LOOP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450



Date: May 3, 2004

Group Art Unit 2817

Sir :

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) four pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

## TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

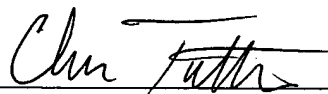
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Renee Knight

Respectfully submitted,

KOLISCH HARTWELL, P.C.

  
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Attorney for Assignee

FORM PTO-1449

DOCKET NUMBER  
TCU 327APPLICATION NUMBER  
10/658,120INFORMATION DISCLOSURE  
CITATION IN AN APPLICATIONAPPLICANT  
John G. ManeatisFILING DATE  
September 8, 2003GROUP ART UNIT  
2817

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME              | CLASS | SUB<br>CLASS | FIL. DATE<br>IF APPROP. |
|---------------------|--------------------|----------|-------------------|-------|--------------|-------------------------|
|                     | 4,608,530          | 8/26/86  | Bacrania          |       |              |                         |
|                     | 4,644,536          | 2/17/87  | Utsumi            |       |              |                         |
|                     | 4,792,768          | 12/20/88 | Fried et al.      |       |              |                         |
|                     | 5,043,677          | 8/27/91  | Tomassetti et al. |       |              |                         |
|                     | 5,144,156          | 9/1/92   | Kawasaki          |       |              |                         |
|                     | 5,285,114          | 2/8/94   | Atriss et al.     |       |              |                         |
|                     | 5,375,148          | 12/20/94 | Parker et al.     |       |              |                         |
|                     | 5,508,660          | 4/16/96  | Gersbach et al.   |       |              |                         |
|                     | 5,512,816          | 4/30/96  | Lambert           |       |              |                         |
|                     | 5,629,650          | 5/13/97  | Gersbach et al.   |       |              |                         |
|                     | 5,687,201          | 11/11/97 | McClellan et al.  |       |              |                         |

## FOREIGN PATENT DOCUMENTS

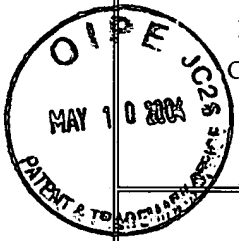
| DOCUMENT<br>NUMBER | DATE   | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATION<br>YES NO |
|--------------------|--------|---------|-------|--------------|-----------------------|
| 2002-217721        | 8/2/02 | Japan   |       |              | XX                    |
|                    |        |         |       |              |                       |
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|  | <i>A Fully-Configurable GSM BTS Controller and GMSK-EDGE Base-Band Transmitter IC,</i><br>Delmont et al., <i>IEEE Solid-State Conference</i> , pp. 352-353, February 5-7, 2001. |
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EXAMINER

DATE CONSIDERED



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|---|--------------------|----------------------------------|----------------------------------|-------|--------------|-------------------------|
| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                    | DOCKET NUMBER<br>TCU 327         | APPLICATION NUMBER<br>10/658,120 |       |              |                         |
|   |                    | APPLICANT<br>John G. Maneatis    |                                  |       |              |                         |
|   |                    | FILING DATE<br>September 8, 2003 | GROUP ART UNIT<br>2817           |       |              |                         |
| U.S. PATENT DOCUMENTS   |                    |                                  |                                  |       |              |                         |
| EXAMINER<br>INITIAL   | DOCUMENT<br>NUMBER | DATE                             | NAME                             | CLASS | SUB<br>CLASS | FIL. DATE<br>IF APPROP. |
|   | 5,705,947          | 1/6/98                           | Jeong                            |       |              |                         |
|   | 5,727,037          | 3/10/98                          | Maneatis                         |       |              |                         |
|   | 5,731,696          | 3/24/98                          | Pennisi et al.                   |       |              |                         |
|   | 5,757,238          | 5/26/98                          | Ferraiolo et al.                 |       |              |                         |
|   | 5,870,003          | 2/9/99                           | Boerstler                        |       |              |                         |
|   | 5,880,579          | 3/9/99                           | Wei et al.                       |       |              |                         |
|   | 5,900,784          | 5/4/99                           | O'Sullivan                       |       |              |                         |
|   | 5,945,855          | 8/31/99                          | Momtaz                           |       |              |                         |
|   | 5,959,502          | 9/28/99                          | Ovens et al.                     |       |              |                         |
|   | 5,986,485          | 11/16/99                         | O'Sullivan                       |       |              |                         |
|   | 6,011,822          | 1/4/00                           | Dreyer                           |       |              |                         |
| FOREIGN PATENT DOCUMENTS  |                    |                                  |                                  |       |              |                         |
|   | DOCUMENT<br>NUMBER | DATE                             | COUNTRY                          | CLASS | SUB<br>CLASS | TRANSLATION<br>YES NO   |
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| EXAMINER<br>INITIAL   | DOCUMENT<br>NUMBER | DATE    | NAME                             | CLASS | SUB<br>CLASS                     | FIL. DATE<br>IF APPROP. |
|   | 6,043,695          | 3/28/00 | O'Sullivan                       |       |                                  |                         |
|   | 6,043,715          | 3/28/00 | Bailey et al.                    |       |                                  |                         |
|   | 6,054,882          | 4/25/00 | Izumikawa                        |       |                                  |                         |
|   | 6,067,336          | 5/23/00 | Peng                             |       |                                  |                         |
|   | 6,075,406          | 6/13/00 | Lee et al.                       |       |                                  |                         |
|   | 6,107,849          | 8/22/00 | Williams et al.                  |       |                                  |                         |
|   | 6,107,889          | 8/22/00 | Strange et al.                   |       |                                  |                         |
|   | 6,111,470          | 8/29/00 | Dufour                           |       |                                  |                         |
|   | 6,118,346          | 9/12/00 | Olgaard                          |       |                                  |                         |
|   | 6,124,741          | 9/26/00 | Arcus                            |       |                                  |                         |
|   | 6,124,755          | 9/26/00 | Parker et al.                    |       |                                  |                         |
| FOREIGN PATENT DOCUMENTS  |                    |         |                                  |       |                                  |                         |
|   | DOCUMENT<br>NUMBER | DATE    | COUNTRY                          | CLASS | SUB<br>CLASS                     | TRANSLATION<br>YES NO   |
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|   | 6,181,210          | 1/30/01  | Wakayama                         |       |                                  |                         |
|   | 6,201,380          | 3/13/01  | Tsujino et al.                   |       |                                  |                         |
|   | 6,215,363          | 4/10/01  | Conta et al.                     |       |                                  |                         |
|   | 6,222,421          | 4/24/01  | Kiyose                           |       |                                  |                         |
|   | 6,242,897          | 6/5/01   | Savage et al.                    |       |                                  |                         |
|   | 6,262,610          | 7/17/01  | Lo et al.                        |       |                                  |                         |
|   | 6,265,859          | 7/24/01  | Datar et al.                     |       |                                  |                         |
|   | 6,275,097          | 8/14/01  | Liang et al.                     |       |                                  |                         |
|   | 6,326,852          | 12/4/01  | Wakayama                         |       |                                  |                         |
|   | 6,329,882          | 12/11/01 | Fayneh et al.                    |       |                                  |                         |
|   | 6,566,970          | 5/20/03  | Injino, Jr.                      |       |                                  |                         |
| FOREIGN PATENT DOCUMENTS  |                    |          |                                  |       |                                  |                         |
|   | DOCUMENT<br>NUMBER | DATE     | COUNTRY                          | CLASS | SUB<br>CLASS                     | TRANSLATION<br>YES NO   |
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| OTHER DOCUMENTS   |                    |          |                                  |       |                                  |                         |
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